BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Providing of B.S.Slab drain at Ambhabhavani Temple road from Sambhram college to Subhash chandra bose road in Attur ward No.03

Estimate Cost:Rs. 1000000.00

Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-2.2:Earthwork excavation for foundtion of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications Specification No.KBS 2.1(b)/2.3.5 **(P-5, lt,-2.3)**								
	Ambhabhavani Temple road	2	410.00	0.60	0.60	295.20			
	culvert	7	6.20	1.90	1.00	82.46			
		1	10.00	1.90	1.00	19.00			
					Total	**396.66**	**151.74**	**Cum**	**60189.00**
	Basic Rate	140.50							
	Area Weightage 8%	11.24							
	Total	**151.74**							
2	Providing 7.5 cm thick granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. **(P-28, lt. 5.31.1)**								
	Basic Rate:	318.00							
	Area Weightage 8%	25.44							
	Total	**343.44**							
		2	410.00	1.80		1476.00			
					Total	**1476.00**	**343.44**	**Sqm**	**506917.00**
3	KSRB 4-1.3:Providing and layingin position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machienry, curing complete as per specifications. Specification No.KBS 4.1, 4.2 **(P-12, lt.4.3)**								
	Basic Rate:	3973.00							
	Area Weightage 8%	317.84							
	Total	**4290.84**							
	culvert	7	6.20	1.90	0.15	12.37			
		1	10.00	1.90	0.15	2.85			
					Total	**15.22**	**4290.84**	**Cum**	**65302.00**
4	KSRB 5.2-3:Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **(P-25, lt5.6)**								
	Basic Rate	3287.00							
	Area Weightage 8%	262.96							
	Total	**3549.96**							
	culvert	14	6.20	0.60	0.60	31.25			
		2	10.00	0.60	0.60	7.20			

						Total	38.45	3549.96	Cum	136489.00
5	Providing ruled pointing of coursed stone masonry with Cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, abour, HOm of machineries curing etc., complete as per specification and directions of the Engineer-in-charge **(P-122, It.15.3)**									
		Basic Rate	74.00							
		Area Weightage 8%	5.92							
		Total	**79.92**							
	SSM drain		14	6.20		0.60	52.08			
			2	10.00		0.60	12.00			
						Total	**64.08**	**79.92**	**Sqm**	**5121.00**
6	KSRB 4-1.6:Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal, coarse aggregate @0.878cum and fine aggregate @0. 459 cummachine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. **(P-12, It.4.6)**									
		Basic Rate:	4425.00							
		Area Weightage 8%	354.00							
		Total	**4779.00**							
	coping		14	6.20	0.60	0.10	5.21			
	vent		7	6.20	0.60	0.10	2.60			
			1	10.00	0.60	0.10	0.60			
			2	10.00	0.60	0.10	1.20			
						Total	**9.61**	**4779.00**	**Cum**	**45936.00**
7	KSRB 4.2.2:Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed - 2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.6 **(P-13, It.4.11)**									
		Basic Rate:	5222.00							
		Area Weightage 8%	417.76							
		Total	**5639.76**							
		for SSM culvert								
		Deck slab	7	6.20	1.80	0.23	17.97			
			1	10.00	1.80	0.23	4.14			
							22.11	**5639.76**	**Cum**	**124682.00**
8	KSRB 4.9-1:Providing T.M.T Steel reinforcement for RCC Work including straightening, cutting, bending hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wasstge shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 **(TMT bars Fe 415 P-19, It.4.46)**									
		Basic Rate:	6634.00							

ADMINISTRATIVELY SANCTIONED FOR Rs 10.00 lakh later

Rupees Ten Lakhs only

Under P.177 Gravel Works

Registered as EE( ) No. 39

Subject to conditions contained in enclosed memo CE ( ) No. /B/

Dt. Estimate A/Sanctioned

JC/Yel/Amt/ No

Dated 30-10-13 Rs 10.00 lakh

D Ramulu
Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

	Area Weightage 8%	546.72							
	Total	**7380.72**							
	Qty @80Kg/Cum	drain	0.80			0.80			
					Total	**0.80**	**7380.72**	**Qntl**	**5905.00**
9	KSRB 4-6.4:Providing and removing centering, shuttering, strutting proppoing etc, and removal of formwork for Vertical surface such as walls at any thickness including attached pilasters butresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 **(P-17, It.4.31)**								
	Basic Rate:	251.00							
	Area Weightage 8%	20.08							
	Total	**271.08**							
	Deck slab	7	6.20	0.60		26.04			
		1	10.00	0.60		6.00			
		14	6.20		0.23	19.96			
		14	1.80		0.23	5.80			
		2	10.00		0.23	4.60			
		2	1.80		0.23	0.83			
					Total	**63.23**	**271.08**	**Sqm**	**17140.00**
10	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH Chapter 1 **(P-150, It.17.1)**								
	Basic Rate	62.20							
	Conveying for 4 km	10.00							
	sub total	72.20							
	Area Weightage 8%	5.78							
	Total	77.98							
	Qty Vide Item No.1					396.66			
					Total	**396.66**	**77.98**	**Cum**	**30930.00**
11	Miscellaneous & Rounding off:							L/S	1389.00
							Total Rs:		**1000000.00**

CERTIFICATE:

1. The work spot comes under BBMP Limits
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on Market Rates
4. The estimate is based on CSR of 2013-14

Assistant Engineer
Ward No.3

Assistant Executive Engineer
Yelahanka Sattelite Town Sub-Division
Bruhat Bengaluru Mahanagara Palike

Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike.

TECHNICALLY SANCTIONED FOR Rs. 10.00 lakh

Rupees Ten Lakhs only

Under P.177 Gravel Works

Registered as EE( ) No. 39

Subject to conditions contained in

enclosed memo CE ( ) No. /B/

Dt.

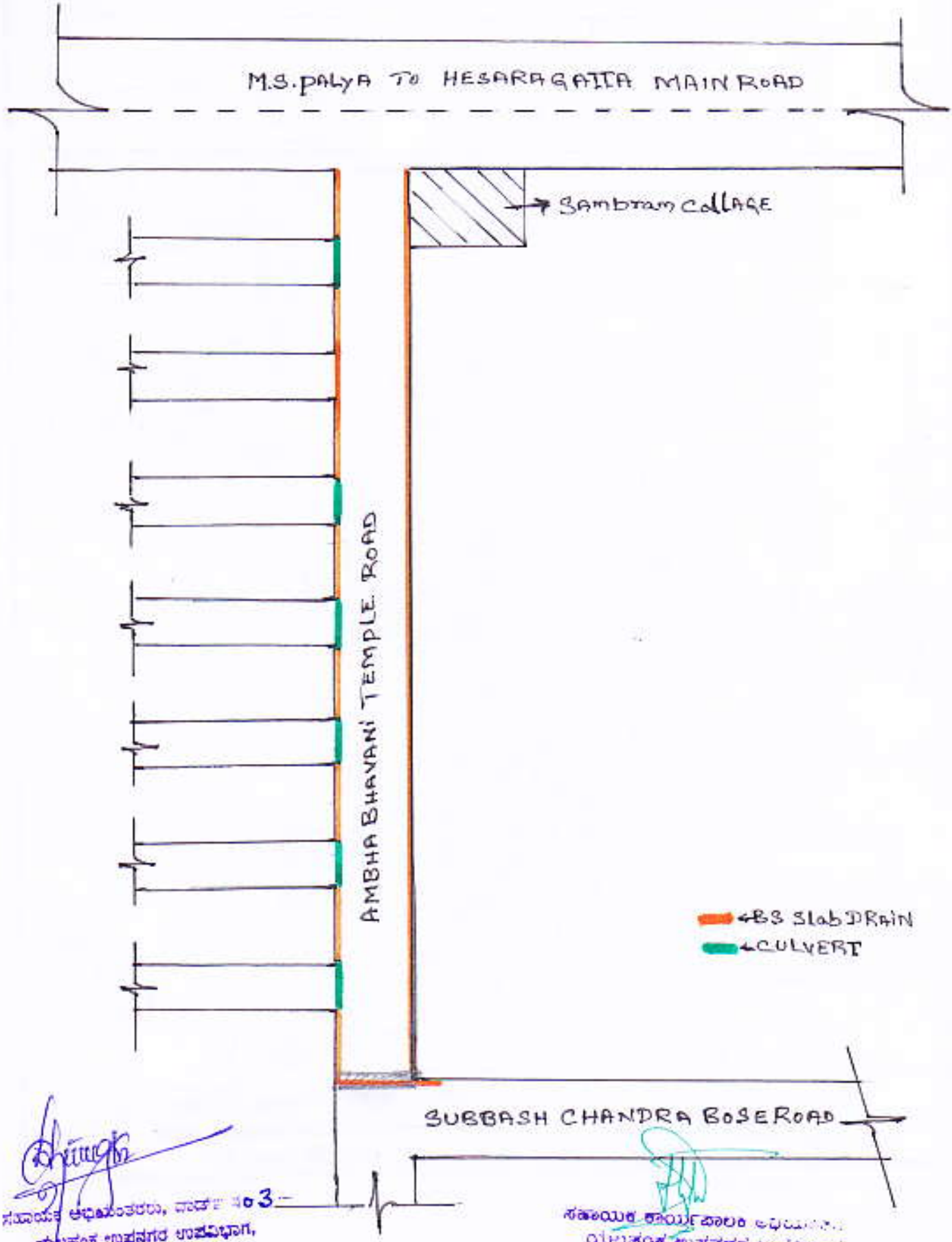
EE/YNK/TC/ 113-14

Dated 30.10.2013 10.00 lakh

Executive Engineer

NAME OF WORK:- Providing of BS Slab drain at Ambha - Bhavani temple ROAD from Sambram collage to Subbash Chandra BOSE ROAD IN Attur Ward No-3

Estimate Cost Rs= 10:00 Lakhs.



ಸಹಾಯಕ ಅಭಿಯಂತರರು, ವಾರ್ಡ್ ನಂ 3
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 64

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಜಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-106